



**Government of India  
Ministry of MSME**

# DISTRICT INDUSTRIAL PROFILE



## DAKSHINA KANNADA

**..the afforest conurbation**

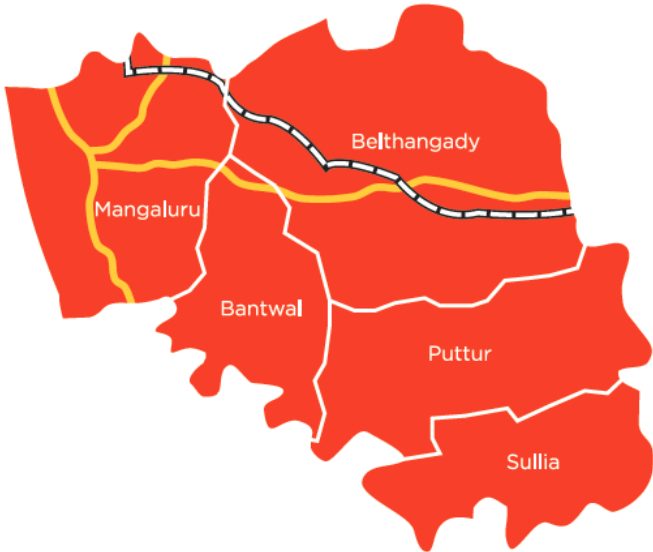
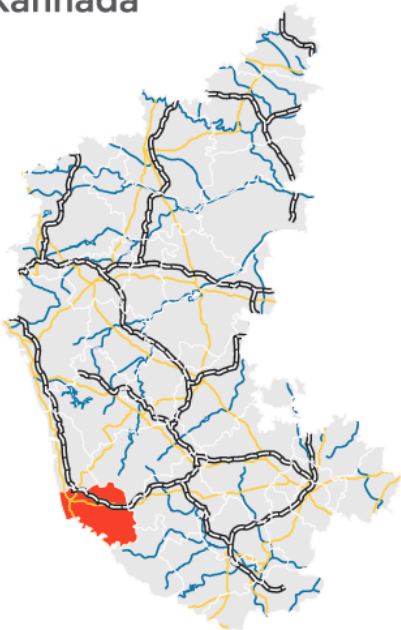


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## DAKSHINA KANNADA DISTRICT & ITS TALUKS

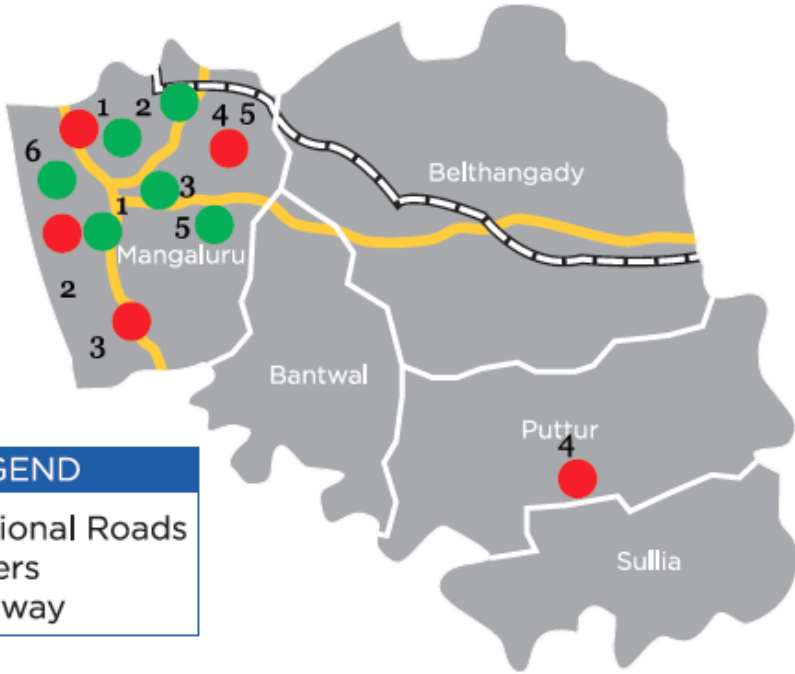


Dakshina Kannada District



LEGEND

- National Roads
- Rivers
- Railway



LEGEND

- National Roads
- Rivers
- Railway

Industrial Estate   Industrial Area

## **FOREWORD**

The Micro, Small and, Medium Enterprises, Development Institute (earlier called SISI), under Ministry of MSME, Govt. of India, Bangalore is one of the prime organizations in Karnataka, engaged in the promotion and development of Industries in the Micro, Small and Medium Enterprises. As a part of the promotional and developmental activities, the Institute conducts studies on the Status and performance of Micro, Small and Medium Enterprises in the State. The District profile is one such report compiled and updated under District Industry Development Plan of the Institute assigned by Office of the Development Commissioner (SSI), New Delhi. This report contains the present status of economy, geographical information, statistical data relating to MSME's in each district, salient features of the progress of the different sectors of the each district of Karnataka and performance of industries particularly in Micro, Small and Medium industries.

I am happy to appreciate the efforts put in by all the officers and staff in this institute especially Shri. Rajkumar, IES, Deputy Director (EI), Smt. Neethu. K. Thomas, ISS, Assistant Director, Shri. D.Nataraja, Assistant Director (Stat), Shri.K.M.Balajee, Assistant Director (EI), Shri. Rajendran.B, Assistant Director (Hosiery), Shri. A. Shivakumar, Assistant Director (Mech), Smt. Sruthi G K, Assistant Director (EI), Shri. R. Anbu Kumaran, Assistant Director (IMT) in collecting the latest information available from different departments of Government of Karnataka and in bringing out this Industrial Profile report. I would also like to thank all Joint Directors of District Industry Centres, Senior Officers of Statistics Division of Govt. of Karnataka, Director of Industries and Commerce, for their valuable inputs during the preparation of this document. I sincerely hope that this report will be useful to all concerned with the development of Industries. It is needless to state that this document will serve as a valuable guide to the prospective entrepreneurs who are desirous of setting up of industries/enterprises in the state.

**BANGALORE**  
**15.06.2016**

**(S.N.RANGA PRASAD)**  
**Director**

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## **Industrial Profile of Dakshina Kannada District**

### **1. Introduction & General Characteristics of the District:**

- Located in the southern and coastal part of Karnataka.
- District head quarter - Mangalore city (347 km from Bangalore).
- Spread across 5 Talukas - Mangalore, Puttur, Belthangady, Bantwal and Sullia.
- 62.72% Forest Cover (2,860 km<sup>2</sup>) - 2nd Highest in state (2007).
- Hub for Major Information Technology and outsourcing companies
- District can be divided into 3 belts – Coastal Belt: the most thickly populated region, famous for its trading facilities. Middle belt consists of hills and fertile valleys; famous for several gardens of arecanut, coconut and paddy fields.
- Western Ghats form the eastern boundary of district, consisting dense evergreen forests.

Sheltered by the soaring Western Ghats on the east and bordered by the blue waters of the Arabian Sea, Dakshina Kannada district is blessed with abundant rainfall, fertile soil and lush vegetation. Pristine beaches, picturesque mountain ranges, temple towns and a rich culture make it a sought after tourist destination. The district is well known for Yakshagana- a fabulous costumed dance drama form, Kambala- the sport of buffalo racing by farmers, Kori-katta (Cock Fight) and Bootha Kola. District is a hub for major information technology and outsourcing companies.

This district also has the distinction of formation of some of the leading banks in the country and well known educational institutions. Mangalore, the district head quarter is called as the gate way to Karnataka due to the presence of New Mangalore Port Trust which is an all weather port.

#### **1.1 Location & Geographical Area:**

The district is a part of peninsular India located half way between Mumbai and Cape Cameron and is stretching 60 Kms. from North to South and 70 Kms. from East to West in the form of a low lying broken plateau from Western Ghats to Arabian Sea.

Geographically the district is divided into three belts

- Coastal tract, the most thickly populated region.
- Middle belt consisting of hills and fertile valleys with several gardens of areca nut, coconut and paddy fields.
- Western Ghats, the eastern boundary of the district, consisting dense evergreen forests.

#### **1.2 Topography:**

The topography of the district varies from plain to undulated terrains at various locations. An interesting feature of the coastal strip and the middle belt is that, it is not a plane but a series of estuarine low lands separated by numerous hill ranges. The coastal tract is the most densely populated part of the district and is the most fertile belt. The middle belt again has an undulated topography with hills and dales.

The district is characterized by sandy soil along the coastal belt and lateritic soil in other parts with high iron and aluminum contents. Laterite stones are available more in the high plain of interior district which are useful for construction purpose. There is rich deposit of alluvial soil in the valleys and ravine bases. The water retention capacity of the soil is very poor. To the east of the coastal region the soil is suitable for growing Arecanut, Banana, Cocoa and Rubber.

### 1.3 Availability of Minerals :

Major type of minerals available in the district are Building Granite and Laterite Stone. Other minerals namely Quartz, Dolerite, Lime Shell and Lime Kankar are available in a minor quantity.

#### PRODUCTION OF MINERAL

NAME OF MINERAL	PRODUCTION 2010-2011					Total
	Mangalore	Bantwal	Puttur	Sullia	Belthangady	
Quartz	-	-	-	-	50	50
Building Granite	285703	165000	15900	8040	60485	535128
Laterite Stone	21315	4474	9350	12825	4250	52214
Dolerite	303.302*	-	-	-	-	303.302
Lime Shell	624	-	-	-	-	624
Lime Kankar	-	-	-	350	-	350

SOURCE- DEPT. OF MINES & GEOLOGY, MANGALORE

### 1.4 Forest:

Dakshina Kannada district has large tracks of tropical evergreen forest called Western ghat forest which is one of the biodiversity hot spots in the world. This district has forest area of 128476 Hectares. Forest area is more in Belthangady taluk (49837 Ha) followed by Sullia taluk (43282 Ha) and Puttur taluk (27386 Ha). There is vast scope for development of ecotourism in forest area.

### 1.5 Administrative set up:

The head of the district administration is the Deputy Commissioner & Magistrate who is drawn from Indian Administrative Service. Though most of the developmental activities in the district are carried out by the various functional departments, the Deputy Commissioner as head of the district has a central role as the coordinator of programs implemented in the district.

Dakshina Kannada District has 2 revenue sub divisions viz., Mangalore and Puttur and 5 Taluks viz., Mangalore, Bantwal, Puttur, Belthangady and Sullia.

The general administration of the district including industrial development at the apex is being looked after by the elected body called Zilla panchayat. The district has a Chief Executive Officer and other officers appointed by the State Government. Down below, there are various district level officers of the State Government to perform/execute the various regulatory/development functions assigned to them. The District Industries Centre is one such district level office headed by an official of the State Government designated as Joint Director under whom a number of functional Managers and Asst.Directors work for the promotion and development of industrial and commercial

enterprises in the two sub divisions of Dakshina Kannada district. Taluk level extension officers headed by Dy. Director, Khadi and Village industries are appointed in each taluk of the district for the promotion of industries in rural areas.

## **1.6 Infrastructure**

- 2300 Acres Land Bank in Mangalore.
- 6 Industrial areas and 5 Industrial Estates in the district.
- IT/BT Zone at Mangalore.
- Proposed Industrial Area (EPIP 2nd Phase).
- 2 Proposed Industrial Parks - Niddodi and Badag mijar
- Industrial Corridor in progress (Era - Kurnadu - Chelur - Balepuni).
- Proposed Creation of an IT Zone covering the District under Suvarna Karnataka Development Corridor.
- Planned major industrial corridors, connected by eight-lane roads - Chitradurga-Mangalore via Shimoga-
- Udupi.
- Service Facilities: 354 commercial banks, 16 Gramin banks, 473 Post Offices, 147 Telephone Exchanges.
- Storage & Warehousing - 8 go-downs with a capacity of 2,550 MT.

### **Power**

- Transmission and distribution in the district is being done by Mangalore Electricity Supply Company Limited (MESCOM)
- Average annual consumption in the district
  - Industry – 319.18 MU
  - Domestic -594.51 MU
- Average demand in the district - 497 MW

### **Water**

- Nethravathi is the main river of the district
- The other important rivers are - Gurupura, Payaswini, Kumaradhara
- Apart from the existing rivers and rainfall, the district has extensive irrigation system using groundwater, reservoirs and canals
- The net irrigated area is 45% of the net area sown
- Average demand in the district
  - Industry – 25 mn ltr
  - Domestic – 153 mn ltr
- Average consumption in the district
  - Industry – 23 Mn ltr
  - Domestic – 133 Mn ltr

## 2. District at a glance

S.No	Particular	Year	Unit	Statistics
<b>1.</b>	<b>Geographical features</b>			
A.	<b>Geographical Data</b>			
	i) Latitude	12°27' and 13°58' North Latitude		
	ii) Longitude	74°35' and 74°4' East Longitude.		
	iii) Geographical Area		Hectares	477149
B.	<b>Administrative Units</b>			
	i) Sub divisions			2
	ii) Tehsils			5
	iii) Sub-Tehsil			-
	iv) Patwar Circle(Hobblies)			17
	v) Panchayat Simitis			-
	vi) Nagar nigam			-
	vii) Nagar Palika			1
	viii) Gram Panchayats			203
	xi) Revenue villages			416
	x) Assembly Area			8
<b>2.</b>	<b>Population (As per Census 2011)</b>			
A.	Sex-wise			
	i) Male			10,32,577
	ii) Female			10,51,048
B.	Rural Population			10,91888
C.	Urban Population			991737
<b>3.</b>	<b>Agriculture</b>			
A.	Land utilization			
	i) Total Area		Hectare	477149
	ii) Forest cover		"	128476
	iii) Non Agriculture Land		"	65483
	iv) Cultivable Barren land		"	58780
<b>4.</b>	<b>Forest</b>			
	(i) Forest		Ha.	128476
<b>5.</b>	<b>Livestock &amp; Poultry</b>			
A.	<b>Cattle</b>			
	i) Cows		Nos.	396609
	ii) Buffaloes		Nos.	15119
B.	<b>Other livestock</b>			
	i) Goats		Nos.	25749
	ii) Pigs		Nos.	5332
	iii) Dogs		Nos.	221401
<b>6.</b>	<b>Railways</b>			
	i) Length of Rail line		Kms	118.63
<b>7.</b>	<b>Roads</b>			
	(a) National Highway		Kms	239.71
	(b) State Highway		Kms	528.8
	(c) Main District Roads		Kms	775.85
	(d) Other district & Rural		Kms	1297.15

<b>8.</b>	(e) Rural road/ Agriculture		Kms	-
	(f) Kacha Road		Kms	4906.77
	<b>Communication</b>			
	(a) Telephone connection			137060
	(b) Post offices		Nos.	474
	(c) Telephone Exchanges		Nos.	147
	(d ) Density of Telephone		Nos./1000 person	-
	(e) Density of Telephone		No. per KM.	-
<b>9.</b>	(f) PCO		No.	6329
	(g) Mobile phones		No.	660204
	<b>Public Health</b>			
	(a) Allopathic Hospital		No.	76
	Beds in Allopathic hospitals		No.	1895
	(c) Govt. Ayurvedic Hospital		No.	2
	Beds in Ayurvedic hospitals		No.	31
	(e) Unani hospitals		No.	2
<b>10.</b>	Community health centers			7
	(g) Primary health centers		No.	64
	(h) Dispensaries		No.	7
	(i) Sub Health Centers		No.	430
	(j) Private hospitals		No.	1629
	<b>Banking</b>			
	(a) Commercial Bank		Nos.	374
	(b) Rural Bank		Nos.	18
<b>11.</b>	(c) Co-Operative bank		Nos.	34
	<b>Education</b>			
	(a) Primary school		Nos.	362
	(b) Middle schools		Nos.	1092
	(c) Secondary & senior secondary schools		Nos.	477
	(d) Colleges		Nos.	184
	(e) Technical University		Nos.	-

## 2.1 Existing Status of Industrial Areas in the Dakshina Kannada District

S. No	Name of Ind. Area	Land acquired (In Acres)	Land developed (In Acres)	Prevailing Rate Per acre (In Rs.lakhs)	No. of Plots developed	No. of allotted Plots	No of Vacant Plots	No. of Units in Production
1	Baikampady	941.77	546.02	25	508	508	Nil	475
2	Karnad	65.85	65.85	10	86	86	4	69
3	Puttur	21.43	21.43	-	36	36	Nil	34
4	Tannirbhavi	124.5	-	30	-	2	77.26	1
5	ITSEZ	517.93	153.80	45	15	9	40.96	1

Source : KIADB Zonal Office, Baikampady

Sl. No.	Industrial Areas	Extent (acres)
1	Baikampady	941
2	Karnad	65
3	Thannirbhavi	124
4	Puttur	21
5	IT SEZ/Non SEZ	517

Sl. No.	Industrial Estate	Extent (acres)
1	Yeyadi	18
2	Baikampady	39
3	Mulki	4
4	Moodbidre	10
5	EPIP	205
6	Baikampady, Thokkuru, Kenjaru	986


### 3. Industrial Scenario of Dakshina Kannada District:

In Dakshina Kannada district, industries such as tile, beedi, cashew kernel, coconut oil, food and beverages and manufacturing activities like rubber/plastic goods, wooden products etc had a prominent presence. The tile industry has been in decline due to non availability of quality clay and fire wood in addition to labour shortage and public preference for concrete structures in the modern era. The Beedi rolling industry is one of the major home industries of district. After establishment of sea port at Mangalore in the seventies there is rapid momentum in industrialization in the district. Due to the presence of large and mega industrial units in the district, a large number of micro and small enterprises are coming up.

Taluks in Dakshina Kannada district have been divided into zones for industrial incentives namely


Zone 3: Bantwal, Mangalore (excluding Corporation limits), Puttur, Sullya & Belthangadi

Zone 4: Mangalore (Corporation limits)




**Information Technology**

- 2 Operational, 2 Notified and 1 Formally Approved IT SEZ in the district.
- 29 Software Technology parks exported US\$ 181-million in 2008-09.
- District is proposed to have 40% area for IT workforce



**Petrochemical**

- Dedicated petrochemical SEZ with a proposed area of 3,985 acres with 1,800 acres already possessed.
- Proposed Oil refinery project with an investment of INR 8,640 Crore in Dakshina Kannada by Mangalore Refinery and Petrochemicals Ltd
- Proposed 455 km gas pipeline through Chennai-Bangalore-Mangalore by Reliance (Relogistics) with an investment of INR 6,768 Crore



**Port**

- New Mangalore port is the 9th major port in India with the deepest inner harbor on the west coast.
- It earned a revenue of US\$ 75.6 million in 2010-11)
- It handled traffic of 36.69 MTA and the most LPG (1.91-million MT) of all major ports in India in 2010-11.

**Other Sectors**

- Fisheries – One of the biggest centers for fisheries with one minor fishing harbour
- Automobile – 1000 acres of land identified for manufacturing of automobiles
- Food and Marine processing

### 3.1 Industry at a Glance

Sl.No	Head	Unit	Particulars
1.	REGISTERED MSMEs	Nos	24072
2.	LARGE INDUSTRIAL UNITS	Nos	20
3.	TOTAL EMPLOYED IN MSMES	Nos	106148
4.	NO. OF INDUSTRIAL AREA	Nos	7
5.	NO. OF INDUSTRIAL ESTATE	Nos	6
6.	NO. OF INDUSTRIAL PARK	Nos	-
7.	Total investments in MSMES	In lakhs	89453

(Source: DIC, Mangalore)

### 3.2 Year wise Trend of Units registered

Sl. No.	Year	Unit	Employment	Investment in lakhs
1	2005-06(Up to)	12905	63565	32750
2	2006-07	800	2848	2730
3	2007-08	872	3027	4518
4	2008-09	953	5034	5280
5	2009-10	1041	4288	6806
6	2010-11	1149	5481	7210
7	2011-12	1266	4455	7923
8	2012-13	1398	5312	7410
9	2013-14	1552	4608	3889
10	2014-15	1789	3953	4715
11	2015-16	415	3577	6222

### 3.3 Details of existing Micro & Small Enterprises and Artisan units in the District

NIC Code No.	Type of Industry	Number of Units	Investment (Lakh Rs)	Employment
20	Agro based	1990	9842.00	12950
22	Soda water	285	9842.00	1855
23	Cotton textile	170	388.00	510
24	Wooden silk & artificial thread based clothes	0	0	0
25	Jute and Jute based	0	0	0
26	Readymade garments and embroidery	3850	13984.00	18400
27	Wood/Wooden based furniture	3690	10693.00	14070
28	Paper & paper products	556	2535.00	3336
29	Leather based	375	570.00	750
31	Chemical/Chemical based	150	1216.00	1600
30	Rubber, Plastic & petro	385	1463.00	1925
32	Mineral based	105	1919.00	2525

33	Metal based (Steel Fab)	3250	9690.00	12750
35	Engineering units	450	2736.00	3600
36	Electrical machinery & transport equipment	330	752.00	990
97	Repairing and servicing	450	1026.00	1350
01	Other	2882	8993.00	12087
	Kachori Making	0	0	0
	Total	18918	67217.00	88698

(Source: DIC, Mangalore. As on 31.03.2016)

### 3.4 Large and Mega Scale Industries in Dakshina Kannada District

Sl. No	Name and address of the unit	End Product	Sector	Constitution	Total Investment (Rs.in crores)	Employment (Nos)
1	BASF India Ltd., Surathkal Bajpe Road, Balan Via Katipalla, Mangalore	Dyes & Dispersion	Chemical	Limited	198.00	312
2	Bharat Petroleum LPG Bottling Plant, Indl. Area, Baikampady, Mangalore	LPG Filling	General	Public sector	12.43	59
3	CAMPCO Chocolate Factory, Kemminje, Darbe, Puttur	Cocoa processing, Cocoa Butter, Cocoa Powder, Chocolate	Food	Co-Op.	35.00	300
4	Total LPG India 62, Thokur village, Jokatte Post, Indl. Est., Baikampady, Mangalore	Bulk LPG Loading Cylinder Refilling	General	Limited	78.00	29
5	Hindustan Unilever Ltd., Sulthan Battery Road, Bolor Village, Mangalore - 33	Wheel Powder & Wheel, Rin Bar	Chemical	Limited	16.41	172
6	Mangalore Chemicals & Fertilizers, Panambur, Mangalore	Ammonia, Urea, Sulphuric Acid	Chemical	Limited	581	808
7	M/s Primacy Industries Pvt Ltd., Plot No.7, Baimapady, Mangalore	Mfg. of Wax candles	Chemical	Private Limited	59.12	1122
8	Strides Arco Lab & Speciality Ltd. Indl. Area, Baikampady, Mangalore	Chemical bulk drugs	Chemical	Limited	17.20	200

9	Kudremukh Iron Ore Projects, Mangalore	Pellets	Mines	Public sector	1501.14	509
10	Lamina Suspension Products Limited, 17-20, Industrial Area,	Laminated springs/spring leaves	Engineering	Limited	29.42	600
11	Mangalore Refinery & Petrochemicals Ltd., (M R P L), Kuthettur Post, Katipalla, Mangalore- 30	Crude, LPG, RMS (Petrol)	Chemical	Public sector	7424.05	1248
12	M/s Ultratech Cement Ltd., Panambur, Mangalore	Cement Packing	Chemical	Limited	21.01	68
13	M/s Offset Printers, Plot No.164A,	Offset Printing	Printing	Partner	10.38	45
14	M/s Packagers Pvt. Ltd.,	Refined edible oil	Food	Pvt. Limited	73.42	61
15	M/s Ruchi Soya Industries Ltd., Baikampady, Mangalore	Refined edible oil	Food	Limited	112.00	90
16	M/s Infosys Technologies Limited, Kottara	Software development	I.T./B.T.	Limited	70.00	240
17	First Indian Corporation Pvt. Ltd., 6 <sup>th</sup> & 7 <sup>th</sup> floor, Manasa tower, M G Road, Kodialbail, Mangalore	I T S & Software development	I.T./B.T.	Limited	12.40	635
18	M/s Infosys Technologies Limited, IT& ITS, SEZ, Kairangala, Pajeer, Bantwal Taluk	Software development	I.T./B.T.	Pvt. Limited	250.00	460
19	MPHASIS (India) Pvt. Ltd., 92, Mangalore Thota, Jeppu ward, Morgansgate, Mangalore.	I T S (BPO)	I.T.S.	Pvt. Ltd.	67.98	176
20	Invenger Technologies, Kottara, Mangalore	Software development	I.T./B.T.	Limited	20.85	160

Source: DIC Mangalore

### 3.5 Major Exportable Item :

Historically, Dakshina Kannada district has been a major exporter of commodities like Tiles, Leaf springs, Spices, Cashew nuts, Handicrafts etc. Recently the district has emerged as a major player in the export of Engineering goods, Readymade Garments, Chemicals, Minerals and Ores, Food items, Fish Meal, Fish Oil, Flowers, Gherkins, Polished Granite etc. Export of perishables such as jasmine and vegetables to West Asia is getting boosted through international flights operating from the Mangalore airport.

Dakshina Kannada district also has its share in the export of software from the state due to the presence of STPI, Mangalore and other major IT companies including Infosys.

### **3.6 Growth Trend:**

Increase in trade and commerce, development of service industries, IT-ITES clusters and Special Economic Zones are visible in the district in the recent years. A few chemical, engineering, automobiles and food processing units have been initiated in the district. The city of Mangalore in the district is undergoing a rapid economic change.

Several Special Economic Zones are emerging in the district. Mangalore Special Economic Zone (MSEZ) is designed as a multi product SEZ catering to petrochemical, manufacturing, service, trading and warehousing industry. The district is one among the few PCPIRs (proposed) (petroleum, chemicals and petrochemicals investment regions) in the county. Oil and Natural Gas Corporation (ONGC)-Mangalore Refinery and Petrochemicals Limited. (MRPL) is planning mega investments in the region.

In IT/ITES activities too, the district is fast catching up with other major cities. IT major Infosys has established a large presence in the district. With increasing real estate costs in Bangalore, Mangalore has emerged as a prominent destination for development of IT industry. Keeping this in view, the Government of Karnataka (GoK) is facilitating development of IT Corridor and a Software Park in Mangalore. Infosys is setting up its IT SEZ near Konaje heralding the entry of other IT firms.

The district is fast emerging as an attractive real estate destination in Karnataka. There is boom in construction industry in the district. The district also has a potential to emerge as one of the largest domestic hospitality markets in South India, driven by the growth of the tourism sector and its strategic location as gateway to tourism in northern Karnataka.

### **3.7 Vendorisation / Ancillarisation of the Industry:**

SMEs in the district have the competence to cater to the needs of large and medium enterprises like MRPL, MCF, BASF, BHEL, HMT, and BEML. as these units are purchasing large amount of components, assemblies.

#### **List of items/services, which are required by MRPL/ONGC are**

- i. Chemicals & Catalysts
- ii. Fasteners, gaskets, oil seal, filters
- iii. Fire & Safety items
- iv. Bitumen Drums
- v. Rubber hoses (Air, Water, Steam), fire water hoses
- vi. Corrugated hoses
- vii. Pump Valves
- viii. Clamps, Guide rings, Castings
- ix. Aluminium ladders
- x. Galvanised gratings

**Service Items:**

- i. Civil works
- ii. Electrical & Instrumentation works
- iii. Mechanical works like Rigging, Crane repairing, Machinists, etc.
- iv. Janitorial & Housekeeping Services
- v. Painting jobs (letter writing, painting of structures, Tankages)
- vi. Heat Exchanger tube cleaning
- vii. General maintenance works (supply of Skilled & Unskilled workmen)
- viii. Scaffolding work
- ix. Vessel opening & cleaning jobs
- x. Fabrication & welding jobs
- xi. Garden maintenance, tree cutting, etc.
- xii. Pipeline transfer & oil skimming work
- xiii. Printing, computer stationeries, binding works.

According to BHEL, Electronics Division Bangalore, it is having Rs.5200 crore order book and the products are mainly automation and power electronic system, Defence electronics, Agro Solar Panels for space, Traction Power fluctuators . As per the Sub-contract division, HMT, Bangalore, it is having its requirement in the area of fabrication, electrical, machine components worth Rs.5 crore every year and interested SMEs can become vendors as suppliers to the Company. BEML procurement of material yearly is around Rs.2500 crores in the areas of aero space, mining, hydraulic engines etc. The main areas of requirement are Forgings, Casting, and Foundry. SEZ Units in the district may sub-contract part of their production or production process through Units in the Domestic Tariff Area (DTA) or through other EOU / SEZ Units.

State level Vendor Development programmes have been organized by MSME-DI in the district to bring SMEs of the district along with the public sector undertakings on a single platform so that they can interact each other.

**3.8. Medium Scale Enterprises**

Name and address of the unit	End Product	Sector	Constitution	Total Investment (Rs.crores)	Employment(Nos)
M/s Contract Re-sources Petrocem services (India) Pvt.Ltd.,Baikampady Indl. Area, New Mangalore-11	Catalyst Loading & Servicing Maintenance	-	Private Limited	5.30	45
M/s Mahima Shankar Processed Foods Pvt. Ltd.,D.No.2-141A, Narimogaru village, Puttur	Chips & Flakes, Masala Powder	Food	Private Limited	11.65	33
M/s Mukka Sea Food Industries, Pvt. Ltd.,14-161-10-164, Sashihithlu Road, Mukka, Mangalore	Fish meal and fish oil	Food	Private Limited	10.00	23

Source: DIC, Mangalore

### **3.9. Service Enterprises:**

#### **3.9.1 Potentials areas for service industry**

Due to the availability and demand for perishable items like fish, fruits and vegetables in this district, cold storages can be set up. Cold storages for fruits, vegetables, flowers, pulses, etc., could be established in Mangalore and Puttur taluks.

A huge jump in the automobile population particularly small car and two wheeler bikes in the urban and rural areas have created scope for automobile service and repair units in this district

There is shortage of activities for providing services to house hold articles like refrigerators, grinders, washing machines, air coolers, fans etc. which is an opportunity in this sector for many skilled people of this region.

Motor rewinding depends upon the number of motors used in industrial drives, compressors in cold storage, fans, mixers, etc., which will increase due to the development of housing sector and food sector. Also pump sets used for irrigation and drinking purpose are the other major customers for motor rewinding industry.

Advancement in the field of information technology has increased the user base of Computers and mobile phones in multifold and has generated demand for hardware and networking related services for individuals and for organisations.

Under IT Sector, activities such as establishment of computer centres, internet/e-mail centres, modernisation/expansion/diversification of existing computer centres, setting up of rural BPOs etc can be considered.

CNG/LPG conversion kit for transport vehicles, Construction of community halls can be considered in rural areas

Yoga Centers are having much scope in this region. Modern Gyms and health clubs are also having scope in this region.

There is much scope for tourism activities in this region. Backwaters of Gurpur and Netravathi River can be utilized for house boats, joy ride boats and water sports. Naturopathy Clinics can also be started. Other activities include way sided dhabhas, way side facilities etc. Under Tourism sector, units such as accommodation and restaurant facilities, transport services, travel guide, rural infrastructural facilities etc are also covered.

#### **3.9.2 Service Enterprises having scope in Dakshina Kannada district.**

##### **Repair and Services**

- Mobile Phone Servicing
- UPS Servicing
- Electrical Pumps and Motors Repair
- Motor rewinding
- Two Wheelers and Four Wheelers Servicing
- Battery Charging and Servicing
- Electrical and Electronic Household durables servicing
- Tractors and Trailer Servicing
- CNG/LPG conversion kit

## **Other Services**

- Cold Storage
- Water Testing Centre
- Emission Testing Centre
- CD/VCD, LCD Lending
- Yoga Centre
- Modern Gyms and health clubs
- Beauty Parlour
- DTP/Internet Centre
- Photocopy
- Tailoring
- Video Conferencing
- Tourist Guide Service
- Joy ride boat services
- Naturopathy Clinics

## **3.10 Potential for new MSME**

### **Petrochemical:**

- Dedicated Petrochemical SEZ with a proposed area of 3,985 acres of which 1,800 acres is under possession
- Proposed Oil refinery project with an investment of INR 8,640 Crore in Dakshina Kannada by Mangaluru Refinery and Petrochemicals Ltd
- Proposed 455 km gas pipeline through Chennai- Bengaluru-Mangaluru by Reliance (Relogistics) with an investment of INR 6,768 Crore

### **Information Technology:**

- Investments in IT are gaining momentum in the district and the presence of major IT companies has seen a constant rise
- 2 Operational, 2 Notified and 1 Formally Approved IT SEZ in the district
- 29 Software Technology Parks exported USD 181 mn in 2008-09
- District has proposed to have 40% area for IT workforce

### **Ports:**

- New Mangaluru port is the 9th major port in India with the deepest inner harbor on the west coast
- It earned revenue of USD75.6 million in 2010-11
- It handled traffic of 36.69 MTA most of it being LPG

### **Fisheries:**

- Fisheries – One of the biggest centers for fisheries with one minor fishing harbour
- Marine fish production is around 90,000 MT and the inland fish production is around 1065 MT
- Accounts for only 50% of the actual potential

### **Other Focus Sectors:**

- Known as Cradle of Indian Banking and one of the most industrialized districts
- Automobile – 1000 acres of land identified for manufacturing of automobiles
- Food and Marine Processing
- Sericulture

Paddy, being a major food crop grown in the district, there is scope for few units manufacturing items such as beaten rice and Rice Rotti.

Coconut, Areca and Cashew are the major plantation crops in the district. Industries based on Coconut such as tender coconut water, coconut chips, desiccated coconut, coconut shell powder, activated carbon, brooms made out of dried coconut leaves, coconut fibre based activities such as ropes and nets are suggested. By applying better technology in production and packaging, different value added products like salted, spiced cashew can be taken up for high end category markets by few entrepreneurs in this area. Areca nut is a major commercial crop which can be raw material for supari making.

Since seasonal fruits such as Mango, Jackfruit, Papaya, Pineapple and Banana are available in plenty in this district, fruit processing units based on these fruits can come up. Marine Resources available in the district give scope for setting up of units based on products like fish pickles, processed fish products, canning units, fish oil and activities related to building of fishing boats, nets and other fishing equipments making.

Composite fish culture in new ponds and water logged areas, the culture of more than 3 to 4 species of fishes to get maximum production from the available water spread area is having enough scope in this region.

Forest Resources in the district give scope for setting up of industrial units like sawmills, furniture manufacturing, beekeeping and honey processing, construction of wooden boats and latex processing. The herbs and gums available in the tree bark have various applications which have been underutilized.

Natural rubber is available in good quantity and hence there is a huge scope for setting up of units to manufacture coir foam, surgical hand gloves, rubberized coir mattress, latex crepe, cycle tyres, tubes, furniture from rubber wood, footwear, floor mats, rings etc.

Waste generated through different industrial activities in the form of scrap and other activities can be converted into products of economic value. Good quality manure can be produced in short time using some of the modern micro biological decomposition technologies. Recycling of used aluminum utensils and industrial waste is suggested in rural areas.

### **Other suggested activities:**

Floriculture is an untapped area in the district so far, except Mangalore 'Mallige' a species of jasmine which is a seasonal flower cultivated in small pockets of agricultural land. Orchid Farms can be promoted which is having high export potential. Horticulture department is providing technical assistance and incentives to private growers of medical and aromatic plants which can be a raw material for ayurvedic medicines having both domestic and export potential. Scope for contract farming exists in case of medicinal and aromatic crops, fruits and for rearing and marketing of broiler birds.

There is scope for establishment of seed nurseries & tissue culture units.

There is plenty of opportunity for developing good number of mini dairy units. Other activities most suitable in the rural area are goat and female calf rearing in addition to poultry.

The presence of a large number of MNCs and increased availability of disposable income among the urban populace, offers good scope for ornamental fish breeding and culture. Brackish water shrimp culture has ample scope. Mari culture activities with special emphasis to mussel culture, ornamental fish culture, and integrated fish farming with poultry, dairy, fresh water prawn culture can be considered.

Urbanisation, places of tourist attraction in this region and presence of many families where both husband and wife are working, has increased the demand for ready to eat and hotels. Additives like spices and condiments are having good demand.

The younger segment of population in educational institutions are the major customers for Ice creams and cool drinks.

Educational institution consisting of schools, colleges, polytechnics and ITIs in addition to a considerable number of hospitals of varying sizes and industries regularly requires uniform for their students and employees. Lack of trained skilled manpower in the area of stitching and cutting deprives the scope for a fair number of ready made garment units in this district. Many agencies identified this lacuna and are taking initiative to create skilled human resources in this field which will help in establishing enterprises in this sector.

Construction boom generates demand for materials like stone jelly, marble slabs, tiles, door and window frames, fittings, etc. Other potential sectors are paints, metal or wood primers, mosaic tiles and concrete products like well rings, tanks and pots. Services related to construction activity having demand are carpentry, electrification, plumbing and security.

Due to heavy infrastructural activities such as laying of pipe lines, construction of oil tankers and boilers coming up in recent times, there is considerable scope for metal joints and metal forming by way of welding of different types such as specialized welding MIG,TIG etc.

Another important activity of metal works and foundry are different types of metal testing which gives opportunity for setting up of Heat Treatment and Non Destructive Testing Centres to cater the needs of service providers and service seekers.

Presence of innumerable number of temples and other religious centres in and around the district gives great scope for non ferrous foundries for making statues of god/goddess, special utensils for pooja and bell for temples.

Galvanising, Nickel, Chrome Phosphate, Anodising, Powder Coating etc are in demand due to growth in base industries. Recovery of lead from used lead acid batteries and recovery of copper and gold from mother boards of electronic circuits of IT tools scrap are having scope.

## **List of Potential MSME in the district**

### **3.10. 1 Agro/Plantation crop based Industries**

- Beaten Rice
- Rice Rotti
- Tender coconut water
- Coconut chips
- Coconut shell powder
- Desiccated Coconut
- Activated Carbon
- Ropes
- Brooms made out of dried coconut leaves
- Cashew based products like salted, spiced cashew

### **3.10. 2 Vegetables and Fruit processing**

- Fruit pulps & juices
- Canned fruits & vegetables
- Soups and sauces
- Pickles
- Jams

### **3.10. 3 Other Food products**

- Noodles
- Bakery Products
- Pappad
- Ready-to-eat items
- Infant food
- Food additives

### **3.10. 4 Spice products**

- Spice mixes
- Condiments

### **3.10. 5 Beverages**

- Squashes
- Mineral water
- Carbonated soft drinks

### **3.10. 6 Herbal related**

- Medicinal and Aromatic Crops like Aloe Vera, Ashwagandha and Patchouli (feasible with proper buy back arrangements).
- Herbal cosmetics
- Herbal medicines

### **3.10. 7 Other Agro related activities**

- Production of Hybrid / improved varieties of seeds and saplings
- Model nurseries
- Mushroom cultivation
- Specialized transport units for horticulture and floriculture sector, fisheries and animal products

- Controlled environment growing including greenhouse / poly house growing for vegetables, fruits, bulbs, tubers, pot plants and ornamental plants. Dried flowers

### **3.10. 8 Fisheries based:**

- Minced fish products
- Development of bioactive and pharmaceutical products from aquatic resources
- Frozen marine products
- Canned shrimps and prawns
- Prawn flakes
- Ornamental fish culture
- Seed production for ornamental fishes
- Brackish water shrimp culture, mussel culture
- Integrated fish farming with poultry, dairy
- On board and on shore equipments for fishing and fish processing
- Fish Meal from Fishery waste

### **3.10. 9 Dairy products**

- Value added milk products – milk and cream in powder, packaged milk, butter, ghee, ready-to-drink milk products.
- Low cholesterol ghee fortified with herbs

### **3.10. 10 Poultry related**

- Edible poultry meats – fresh, frozen and others
- Poultry products produced from birds fed on organically produced feed
- Egg products
- Poultry husbandry
- Poultry Feed

### **3.10. 11 Meat products**

- Fresh/Chilled/Frozen Meat
- Meat extracts
- Sausages and canned meat

### **3.10.12. Animal husbandry**

- Rabbit rearing
- Dairy husbandry
- Goatery
- Animal feed

### **3.10. 13 Food Engineering and Processing**

- Freezing and chilling - meat, seafood, poultry
- Machinery, equipment for grain handling and processing
- Pulses processing – driers, colour sorters, packaging units
- Bakery equipment – machinery, equipment (traditional and industrial)
- Beverage equipment
- Slicers/cutting equipments
- Refrigeration and air-conditioning for agro and food processing industries

### **3.10. 14 Agri Engineering**

- Precision machinery for irrigation and hill agriculture, horticulture, livestock, fisheries production
- Spray equipments
- Harvesting machinery

- Machinery, equipments for sorting, handling and packing products immediately after harvest systems for conditioned storage of produce
- Material Handling equipments

### **3.10. 15 Eco friendly items and activities**

- Bio fuels
- Bio-organic manure/ Vermicompost
- Recycling agricultural waste products & materials to useful food & non food value added end product
- Agro based insecticides and pesticides
- Ecotourism in forest area

### **3.10. 16 Metallurgical related:**

- Metal joints and metal forming by way of welding of different types such as specialized
- welding MIG,TIG etc for laying of pipe lines, construction of oil tankers and boilers.
- Heat Treatment and Non Destructive Testing Centres
- Non ferrous foundries for making statues of god/goddess, special utensils for pooja and bell for temples.
- Galvanising, Nickel, Chrome Phosphating , Anodising ,Powder Coating
- Recovery of lead from used lead acid batteries and recovery of copper and gold from mother boards of electronic circuits of IT tools scrap
- Aluminium Pressure Die casts
- Aluminium Extruded products
- Copper Wire and strip
- Foundry for ferrous items
- Non-ferrous casting
- Silver Foils
- Welding Electrodes
- Aluminium Fabrication
- Pressure Die castings
- General Foundry

### **3.10. 17 Electrical and Electronics related**

- UPS
- Electronic Ballasts
- Display boards
- Electric chokes
- Switch boards
- Panel boards
- Street light fittings

### **3.10.18. Glass and Ceramics related:**

- Chalk Crayons
- Pavement Blocks
- Dense Clay Blocks
- Hollow Blocks
- Ophthalmic lens Grinding
- Decorative Roofing Tiles
- Flyash Bricks
- Screen Printing on Glass

- Screen Printing on Ceramic Cups, Plates
- Ceramic Powder
- Hydraulic Clay Blocks
- Studio Pottery
- Flower Pots(Clay)
- Flower Pots (Cement Concrete)
- Terracotta
- Etched Glass Articles
- Well rings

### **3.10. 19 Chemical related**

- Auyurvedic Soap
- Liquid soap
- Decorative Candles
- Detergent and Washing Powder
- Phenyl(Disinfectant, Deodorant)
- Aerosol
- Sodium Silicate
- Naphthalene Balls
- Chlorine tablets
- Camphor Tablets
- Hardware chemicals such as Thinner, Wall putty, Primer, Adhesive, Gum for book binding, Printing ink
- Medical and Industrial Oxygen
- Storage batteries
- Distilled water for automobiles

### **3.10. 20 Petro Chemical products**

- Plastic sheets/covers
- HDPE Woven sacks
- Plastic disposable cups and plates
- Plastic moulded articles
- Plastic moulded luggages (brief case)

### **3.10. 21 Medical related**

- Surgical gloves
- Disposable syringes
- Surgical bandages
- Urine bags
- Sterilized Cotton
- IV Fluids
- Hospital Beds

### **3.10. 22 Automobile related**

- Automobile body building
- Precision turned auto components
- Auto Horns
- Beading
- Radiators
- Silencers

### **3.10. 23 Other consumables**

- Paper bags
- Paper Disposable Cups and Plates
- Stationery items such as envelopes file covers/folders,Note books

- Seat Cushion covers
- Bindi
- Sanitary Napkins
- Steel Furniture

#### **4. Existing Clusters of Micro & Small Enterprise**

##### **4.1 Details of Major Clusters in the district:**



##### **4.1.1 Major Clusters in the Manufacturing Sector:**

1. Cashew Processing
2. General Engineering
3. Fabrication
4. Printing
5. Food items
6. Polythene Sheets and Bags
7. Carpentry

##### **4.1.2 Major Clusters in the Service Sector:**

1. Software Development
2. ITES

##### **4.2 Details of Identified Cluster:**

One cluster identified in this district is the 'Mangalore Gold Ornament Making cluster' which is promoted by the Gold Jewellery making artisans of this district.

## 5. Steps to set up MSME

Following are the brief description of different agencies for rendering assistance to the entrepreneurs.

S.No.	Type of assistance	Name and address of agencies
1.	Registration of MSMEs	Online Registration. <a href="http://www.udyogaadhaar.gov.in">www.udyogaadhaar.gov.in</a>  <b>Deputy Director (I/C) , Branch MSME-Development Institute</b> Ministry of MSME, Govt. of India, L-11 Yeyyadi Industrial Estate, Mangalore-575008 ☎ Phone : 0824-2217936/2217696 ✉ e-mail: dcdi-bang@dcmsme.gov.in <a href="http://www.msmedibangalore.gov.in">www.msmedibangalore.gov.in</a>
2.	Identification of Project Profiles, Techno-economic and Managerial consultancy Services , Market survey and economic survey reports.	<b>Branch MSME-Development Institute</b> Ministry of MSME, Govt. of India, L-11 Yeyyadi Industrial Estate, Mangalore-575008 ☎ Phone : 0824-2217936/2217696 ✉ e-mail: dcdi-bang@dcmsme.gov.in <a href="http://www.msmedibangalore.gov.in">www.msmedibangalore.gov.in</a>  <b>Chief Executive Officer &amp; Chief Adviser</b> <b>Technical Consultancy Services Organisation of Karnataka</b> (A Govt. of Karnataka Organisation) 4 <sup>th</sup> Floor, Basava Bhavan, Basaveshwara Circle, Bangalore 560 001. ☎ Phone : 080-22266134/2226152/41512382 ✉ e-mail: <a href="mailto:tecsok1@airtelmail.in">tecsok1@airtelmail.in</a> <a href="http://www.tecsok.com">www.tecsok.com</a>
3.	Industrial Land	<b>Chief Executive Officer &amp; Executive Member</b> <b>Karnataka Industrial Areas Development Board (KIADB)</b> 4 <sup>th</sup> & 5 <sup>th</sup> Floor, East Wing, Khanija Bhavan, Race Course Road, Bangalore. – 560001 ☎ Phone : 080-22265383/22267900 ✉ e-mail: <a href="mailto:kiadb@mail.nic.in">kiadb@mail.nic.in</a> <a href="http://www.kiadb.in">www.kiadb.in</a>
4.	Industrial Shed	<b>Chairman</b> <b>Karnataka State Small Industries Development Corporation Limited., (KSSIDC),</b> Industrial Estate, Yeyyadi, Mangaluru-575008 ☎ Phone : 0824-2211997 <a href="http://www.kssidc.kar.nic.in">www.kssidc.kar.nic.in</a>
5.	Financial Assistance	<b>All Nationalized Banks</b>  <b>Karnataka State Financial Corporation (KSFC)</b> No. 330/50 3 <sup>rd</sup> Floor, Bunts Hostel Road, PB No. 750, Mangalore-575003 ☎ Phone : 0824-2443051 ✉ e-mail: <a href="mailto:mng@ksfc.in">mng@ksfc.in</a> <a href="http://www.ksfc.in">www.ksfc.in</a>
6.	For Raw Materials under Govt. Supply	<b>Chairman</b> <b>Karnataka State Small Industries Development Corporation Limited., (KSSIDC)</b> Industrial Estate, Yeyyadi, Mangaluru-575008 ☎ Phone : 0824-2211997 <a href="http://www.kssidc.kar.nic.in">www.kssidc.kar.nic.in</a>  <b>General Manager</b> <b>National Small Industries Corporation (NSIC)</b> No. 25, First Main Road, KSSIDC Industrial Estate, 6 <sup>th</sup> Block, Rajaji Nagar, Bangalore. 560010 ☎ Phone : 080-23109059/23307791/23147858 ✉ e-mail: <a href="mailto:boban@nsic.co.in">boban@nsic.co.in</a> <a href="http://www.nsic.co.in">www.nsic.co.in</a>
7.	Plant & Machinery under hire/purchase basis	<b>General Manager</b> <b>National Small Industries Corporation (NSIC)</b> No. 25, First Main Road, KSSIDC Industrial Estate, 6 <sup>th</sup> Block, Rajaji Nagar, Bangalore. 560010 ☎ Phone : 080-23109059/23307791/23147858 ✉ e-mail: <a href="mailto:boban@nsic.co.in">boban@nsic.co.in</a> <a href="http://www.nsic.co.in">www.nsic.co.in</a>
8.	Power / Electricity	<b>Mangalore electricity supply company limited,MESCOM</b>
9.	Technical Know-How	<b>Managing Director</b> <b>Karnataka Council for Technological Upgradation (KCTU)</b>

		4th Floor, Basava Bhavan, Basaveswara Circle, Bangalore - 560001 ☎ Phone : 080-22250722 ☒ e-mail: <a href="mailto:md-kctu-ka@nic.in">md-kctu-ka@nic.in</a> ☒ e-mail: <a href="mailto:info-kctu-ka@nic.in">info-kctu-ka@nic.in</a> <a href="http://www.kctu.kar.nic.in">www.kctu.kar.nic.in</a>
10.	Quality & Standard	<b>Scientist 'F' &amp; Head</b> <b>Bureau of Indian Standards (BIS)</b> Peenya Industrial Estate, 1 <sup>st</sup> Stage, Tumkur Road, Bangalore-560058 ☎ Phone : 080-28394955/283949656 ☒ e-mail: <a href="mailto:bnbo@bis.gov.in">bnbo@bis.gov.in</a> <a href="http://www.bis.org.in">www.bis.org.in</a>
11.	Marketing & Export Assistance	<b>Visvesvaraya Trade Promotion Centre (VTPC)</b> III Floor, 'A' Block, BMTC Complex, Shantinagar, Double Road, Bangalore -560027. ☎ Phone 080-22230853 / 22210633 / 22534444 ☒ e-mail: <a href="mailto:md@vtpckarnataka.gov.in">md@vtpckarnataka.gov.in</a> <a href="http://www.vtpckarnataka.gov.in">www.vtpckarnataka.gov.in</a>  <b>Engineering Export Promotion Council (EEPC)</b> <b>Sub-Regional Office, 2<sup>nd</sup> Floor, Vinayaka Complex,</b> 44/45 Residency Road Cross, Bangalore- 560025 ☎ Phone : 080-25581396/25588619 ☒ e-mail: <a href="mailto:eepcsroblr@eepcindia.net">eepcsroblr@eepcindia.net</a> <a href="http://www.eepcindia.com">www.eepcindia.com</a>  <b>EXIM Bank India</b> Ramanashree Arcade, Floor 4, 18 M G Road, Bangalore. ☎ Phone : 080-25585755 ☒ e-mail: <a href="mailto:eximbro@eximbankindia.in">eximbro@eximbankindia.in</a> <a href="http://www.eximbankindia.in">www.eximbankindia.in</a>
12.	Other Promotional Agencies	<b>Managing Director</b> <b>Karnataka Udyog Mitra</b> 3rd Floor, Khanija Bhavan (East Wing), No.49, Race Course Road, Bangalore – 560 001 ☎ Phone : 080-22282392/2228 5659/2238 1232/2228 6632 ☒ e-mail: <a href="mailto:md@kumbangalore.com">md@kumbangalore.com</a> <a href="http://www.kum.karnataka.gov.in">www.kum.karnataka.gov.in</a>

## 6. Any other important additional information of the district :

### Tourism

- **Mangaladevi Temple** - Built in 10th century ,is situated about 3 km from Mangalore. The city owes the origin of its name to its deity "the goddess Mangala".
- **Alekan Falls** - An attractive waterfall noted for its picturesque locale; located near Bale Kallu Gudda – placed on one of the highest altitude regions in the district.
- **Dharmasthala** - A beautiful sacred island formed by the magnificent river Netravathi, is famous for 800 year old Manjunatha temple and the Sri Gomateshwara statue built in 1973 which is carved out of a single stone to a height of 14 meter
- **Ullal** - An enchanting beach marked by abundant trees ,situated 10 Km from Mangalore is famous for historic locations like Someshwara temple, Summer Sand Beach resorts, Queen Abbakka's fort and The Sayed Mohammed Shenphul Madani Mosque.



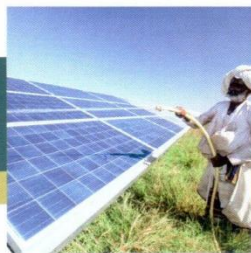
# MSME SCHEMES

## MSME OPERATES A NUMBER OF PROMOTIONAL SCHEMES FOR THE MSE SECTOR:

- ▲ Credit Linked Capital Subsidy Scheme for Technology Upgradation (CLCSS)
- ▲ Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE)
- ▲ ISO 9001/ISO 14001 HACCP Certification Reimbursement Scheme.
- ▲ Cluster Development Programme for identified Cluster of MSE's
- ▲ Market Development Assistance International Trade Fairs (For Individual MSEs)
- ▲ National Awards for outstanding MSME Entrepreneurs, R&D efforts in MSME Sector
- ▲ Quality products in MSE sector and Innovation effort (For Individual MSMEs)
- ▲ TREAD Scheme for Women (Individual Regd. Association & NGOs)
- ▲ Capacity Building/ Seminar for Industrial Associations
- ▲ Public Procurement Policy - MSEs 2012

## NATIONAL MANUFACTURING COMPETITIVENESS PROGRAMME (NMCP) SCHEMES FOR MSMEs UNDER PPP MODEL:

- ▲ Marketing Support / Assistance to MSMEs ( BAR Code)
- ▲ Support for Entrepreneurial and Managerial Development of MSMEs through Incubators
- ▲ Enabling Manufacturing Sector to be Competitive through Quality Management Standards & quality Technology Tools (QMS/QTT)
- ▲ Building Awareness on Intellectual Property Rights for MSMEs (IPR)
- ▲ Lean Manufacturing Competitiveness Scheme for MSMEs (LMCs)
- ▲ Design Clinic Scheme for design expertise to MSMEs Manufacturing sector (DESIGN)
- ▲ Marketing Assistance and Technology Upgradation Scheme for MSMEs (MATU)
- ▲ Technology and Quality Upgradation support to MSMEs (TEQUP)
- ▲ Promotion of Information & Communication Technology in Indian MSME Sector (ICT)



Government of India

Ministry of Micro, Small & Medium Enterprises

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